

# Notice of Allowability

Application No.

09/681,758

Examiner

Mohammad A. Siddiqi

Applicant(s)

MCCULLOUGH, SEAN M.

Art Unit

2154

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 04/10/2006.
2. ☒ The allowed claim(s) is/are 1,2,4,5,7-14,16-17,19-27 (rearranged claims are 1-23).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

JOHN FOLLANSBEE  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

## **DETAILED ACTION**

### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview Ari Akmal with on 07/06/2006.

2. Please amend the claims as attached.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mohammad A. Siddiqi whose telephone number is (571) 272-3976. The examiner can normally be reached on Monday -Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John A. Follansbee can be reached on (571) 272-

3964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MAS

  
JOHN FOLLANSBEE  
SUPERVISORY PATENT EXAMINER  
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IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) A data processing system-implemented method of tracking movement between network addresses comprising:  
receiving a first frame identifier and a first network address at a tracking location at a first time, wherein the first frame identifier is associated with a first frame of a view provided by a location distinct from the tracking location and the first frame identifier is assigned in code executable to present the view, wherein the view has been sent to a user before receiving the first frame identifier and the first network address, and the view includes the first frame and a second frame having a second frame identifier;  
finding a record including the first frame identifier, a second network address, and a second time, wherein the second time precedes the first time; ~~and~~  
generating an entry for a table that includes the first frame identifier, the first network address, the second network address, and a third time; and  
generating a statement of activity, wherein the first network address is significantly owned or controlled by a first party, the second network address is significantly owned or controlled by a second party, the first party is not significantly owned or controlled by the second party, the second party is not significantly owned or controlled by the first party and the statement indicates that a

user activated the second network address from the first network address.

2. (Original) The method of claim 1, wherein the first time and the third time are substantially a same time.
3. Cancelled
4. (Currently Amended) The method of claim ~~3~~1, further comprising generating a node diagram illustrating a sequence of network addresses that originated from the first frame but not the second frame.
5. (Previously Presented) The method of claim 1, further comprising, in response to receiving, sending the view corresponding to the first network address to a computer that requested the first network address.
6. Cancelled
7. (Original) The method of claim 1, wherein:  
receiving further comprises receiving a user identifier; and  
the second time is closest in time to the first time for the user identifier and frame identifier.

8. (Currently Amended) A data processing system-implemented method of tracking movement between network addresses comprising:

displaying a first view provided by a location to a user, wherein the first view includes a first frame having a first frame identifier and a second frame having a second frame identifier, and the first frame identifier is assigned in code executable to present the first view;

receiving a first request for a first network address from the user, wherein the first request is generated by the user activating a first object within the first frame, wherein the first view has been sent to the user before receiving the first frame identifier and the first network address;

sending the first frame identifier and the first network address to a tracking location distinct from the location at a first time;

finding a record including the first frame identifier, a second network address, and a second time, wherein, for the first frame identifier, the second time precedes the first time; ~~and~~

generating a first entry for a table that includes the first frame identifier, the first network address, the second network address, and a third time; and

generating a statement of activity, wherein the first network address is significantly owned or controlled by a first party, the second network address is significantly owned or controlled by a second party, the first party is not significantly owned or controlled by the second party, the second party is not significantly owned or controlled by the first party and the statement indicates that a user activated the second network address from the first network address.

9. (Original) The method of claim 8, wherein the first time and the third time are substantially a same time.
10. (Original) The method of claim 8, further comprising displaying a second view corresponding to the first network address to the user.
11. (Original) The method of claim 8, wherein the second time is closest in time to the first time for the first frame identifier.
12. (Original) The method of claim 8, further comprising:
  - receiving a second request for a third network address from the user, wherein the second request is generated by the user activating a second object within the second frame;
  - sending the second frame identifier and the third network address at a fourth time;
  - finding a record having the second frame identifier, a fourth network address, and a fifth time, wherein, for the second frame identifier, the fifth time precedes and is closest in time to the fourth time;
  - and
  - generating a second entry for the table that includes the second frame identifier, the third network address, the fourth network address, and a sixth time.

13. (Currently Amended) A data processing system readable medium having code embodied therein, the code including instructions executable by a data processing system, wherein the instructions are configured to cause the data processing system to perform a method of tracking movement between network addresses, the method comprising:

receiving a first frame identifier and a first network address at a tracking location at a first time, wherein the first frame identifier is associated with a first frame of a view provided by a location distinct from the tracking location and the first frame identifier is assigned in code executable to present the view, wherein the view has been sent to a user before receiving the first frame identifier and the first network address, and the view includes the first frame and a second frame having a second frame identifier;  
finding a record including the first frame identifier, a second network address, and a second time, wherein the second time precedes the first time; ~~and~~  
generating an entry for a table that includes the first frame identifier, the first network address, the second network address, and a third time; and  
generating a statement of activity, wherein the first network address is significantly owned or controlled by a first party, the second network address is significantly owned or controlled by a second party, the first party is not significantly owned or controlled by the second party, the second party is not significantly owned or controlled by the first party and the statement indicates that a user activated the second network address from the first network address.



14. (Original) The data processing system readable medium of claim 13, wherein the first time and the third time are substantially a same time.
15. Cancelled
16. (Original) The data processing system readable medium of claim ~~15~~13, wherein the method further comprises generating a node diagram illustrating a sequence of network addresses that originated from the first frame but not the second frame.
17. (Original) The data processing system readable medium of claim 13, wherein the method further comprises, in response to receiving, sending a view corresponding to the first network address to a computer that requested the first network address.
18. Cancelled
19. (Original) The data processing system readable medium of claim 13, wherein:  
receiving further comprises receiving a user identifier; and  
the second time is closest in time to the first time for the user identifier and frame identifier.

20. (Currently Amended) A data processing system readable medium having code embodied therein, the code including instructions executable by a data processing system, wherein the instructions are configured to cause the data processing system to perform a method of tracking movement between network addresses, the method comprising:

displaying a first view to a user, wherein the first view includes a first frame having a first frame identifier and a second frame having a second frame identifier, wherein the first frame identifier is associated with a first frame provided by a location distinct from the tracking location and the first frame identifier is assigned in code executable to present the first view;

receiving a first request for a first network address from the user, wherein the first request is generated by the user activating a first object within the first frame wherein the first view has been sent to the user before receiving the first request for the first network address;

sending the first frame identifier and the first network address at a first time;

finding a record including the first frame identifier, a second network address, and a second time, wherein, for the first frame identifier, the second time precedes the first time; ~~and~~

generating a first entry for a table that includes the first frame identifier, the first network address, the second network address, and a third time; and

generating a statement of activity, wherein the first network address is significantly owned or controlled by a first party, the second network address is significantly owned or controlled by a second party, the first party is not significantly owned or controlled by the

second party, the second party is not significantly owned or controlled by the first party and the statement indicates that a user activated the second network address from the first network address.

21. (Original) The data processing system readable medium of claim 20, wherein the first time and the third time are substantially a same time.
22. (Original) The data processing system readable medium of claim 20, further comprising displaying a second view corresponding to the first network address to the user.
23. (Original) The data processing system readable medium of claim 20, wherein the second time is closest in time to the first time for the first frame identifier.
24. (Original) The data processing system readable medium of claim 20, further comprising:
  - receiving a second request for a third network address from the user, wherein the second request is generated by the user activating a second object within the second frame;
  - sending the second frame identifier and the third network address at a fourth time;
  - finding a record having the second frame identifier, a fourth network address, and a fifth time, wherein, for the second frame identifier, the fifth time precedes and is closest in time to the fourth time;
  - and

generating a second entry for the table that includes the second frame identifier, the third network address, the fourth network address, and a sixth time.

25. (Currently Amended) A method of tracking the origin of a request for a network address, comprising:

receiving a first frame identifier and a requested network address at a tracking location at a first time, wherein the first frame identifier is associated with a first frame and the requested network address was requested from the first frame, the first frame was provided by a location distinct from the tracking location and the first frame identifier is assigned in code executable to present the a view, wherein the view has been sent to a user before receiving the first frame identifier and the requested network address;

finding a record including the first frame identifier, an originating network address and a second time, wherein the second time precedes the first time and the originating network address is associated with a page containing the first frame; ~~and~~

generating an entry for a table that includes the first frame identifier, the originating network address, the requested network address, and a third time; and

generating a statement of activity, wherein the requested network address is significantly owned or controlled by a first party, the originating network address is significantly owned or controlled by a second party, the first party is not significantly owned or controlled by the second party, the second party is not significantly owned or controlled by the first party and the statement indicates that a user activated the originating network address from the requested network address.

26. (Currently Amended) A method of tracking the origin of a request for a network address, comprising:

receiving a first frame identifier and a requested network address at a tracking location at a first time, wherein the first frame identifier is associated with a first frame and the requested network address was requested from the first frame, wherein the first frame is associated with a view associated with a location remote from the tracking location and the first frame identifier is assigned in code executable to present the view, wherein the view has been sent to a user before receiving the first frame identifier and the requested network address;

finding a record including the first frame identifier, an originating network address and a second time, wherein the second time precedes the first time and the originating network address is associated with a page containing the first frame; and

generating an entry for a table that includes the first frame identifier, the originating network address, the requested network address, and a third time; and

generating a statement of activity, wherein the requested network address is significantly owned or controlled by a first party, the originating network address is significantly owned or controlled by a second party, the first party is not significantly owned or controlled by the second party, the second party is not significantly owned or controlled by the first party and the statement indicates that a user activated the originating network address from the requested network address.

27. (Currently Amended) A method of tracking network addresses, comprising:

receiving a first frame identifier and a first network address at a tracking location at a first time, wherein the first frame identifier is associated with a first frame of a first view provided from a first location associated with a second network address, the first frame was selected at a second location, the first frame is associated with data at a third location associated with the first network address, and the first location, second location, third location and tracking location all distinct from one another, wherein the first view has been sent to a user before receiving the first frame identifier and the first network address;

finding a record including the first frame identifier, a fourth network address, and a second time, wherein the second time precedes the first time; ~~and~~

generating an entry for a table that includes the first frame identifier, the first network address, the fourth network address, and a third time; and

generating a statement of activity, wherein the first network address is significantly owned or controlled by a first party, the second network address is significantly owned or controlled by a second party, the first party is not significantly owned or controlled by the second party, the second party is not significantly owned or controlled by the first party and the statement indicates that a user activated the second network address from the first network address.